

FIG. 1
(Prior Art)

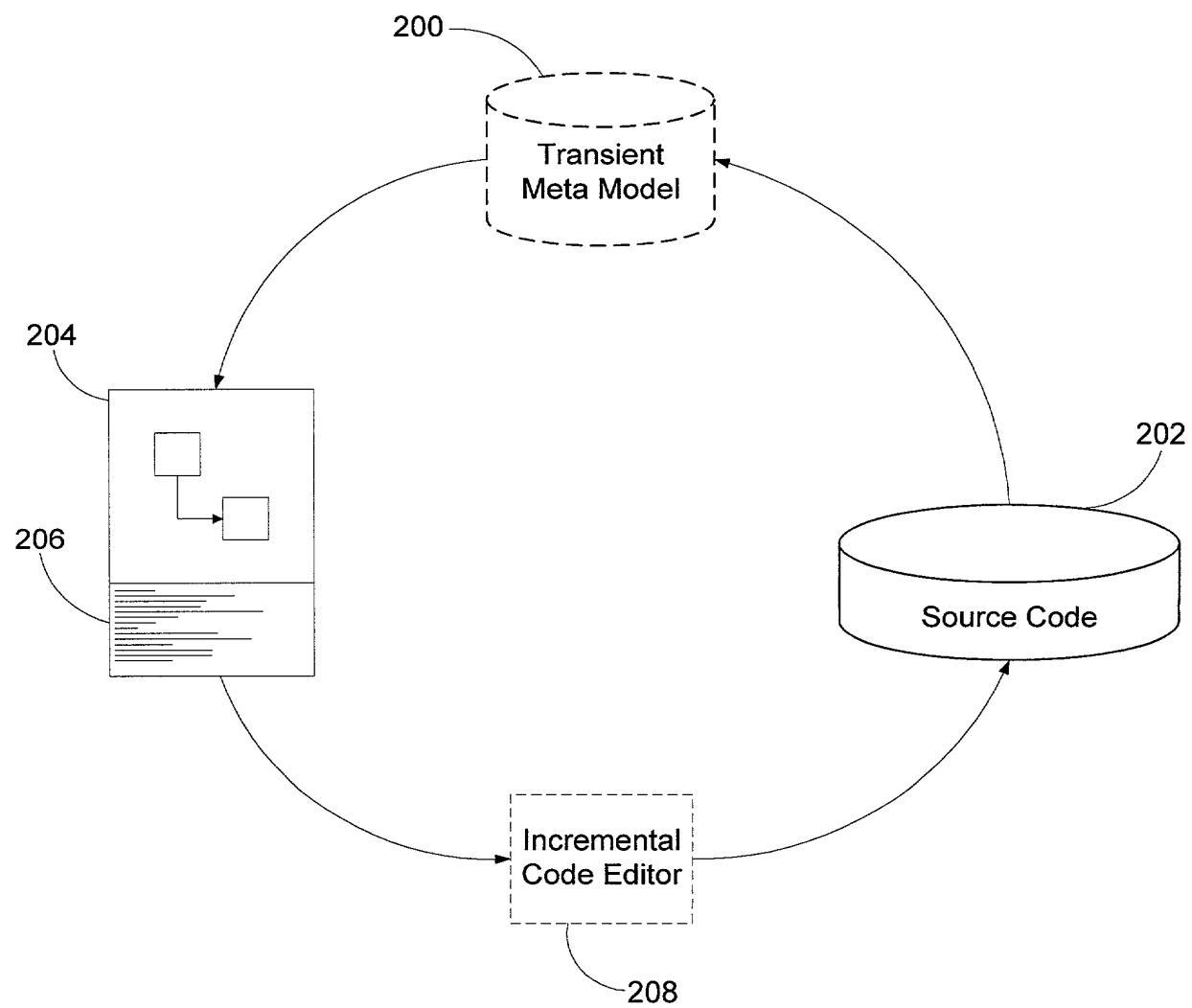
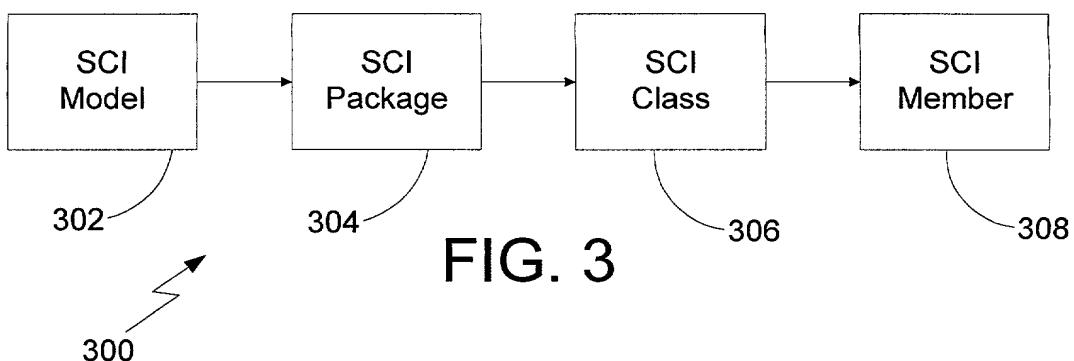


FIG. 2

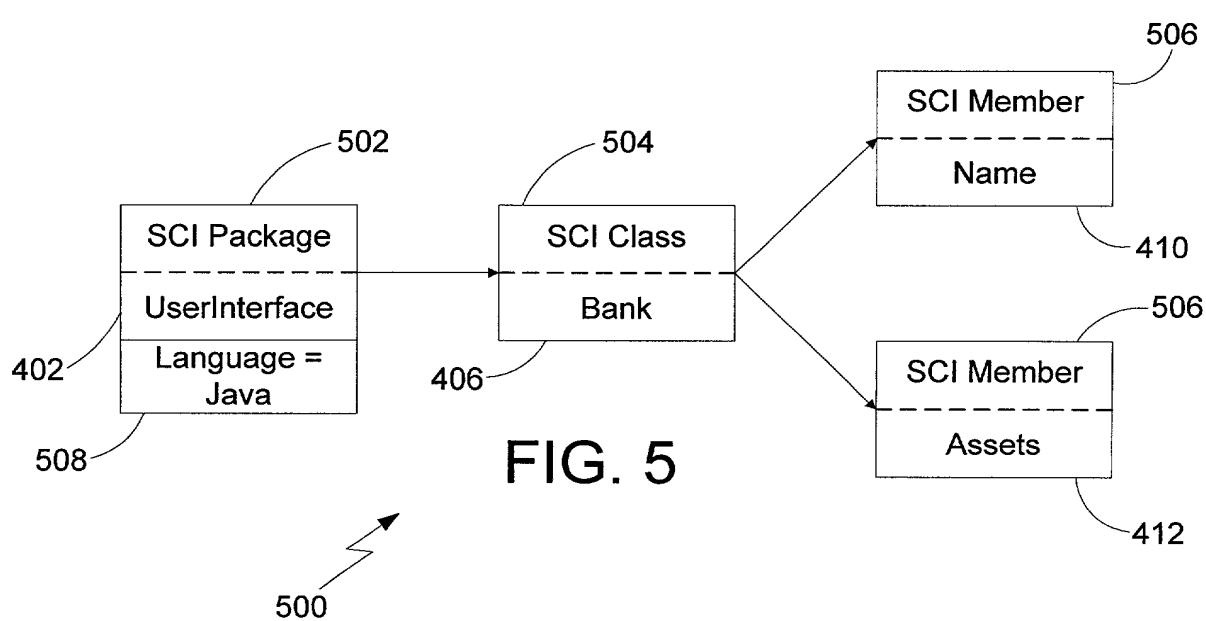


```

package UserInterface;
public class Bank;
public string Name;
public string Assets;

```

FIG. 4



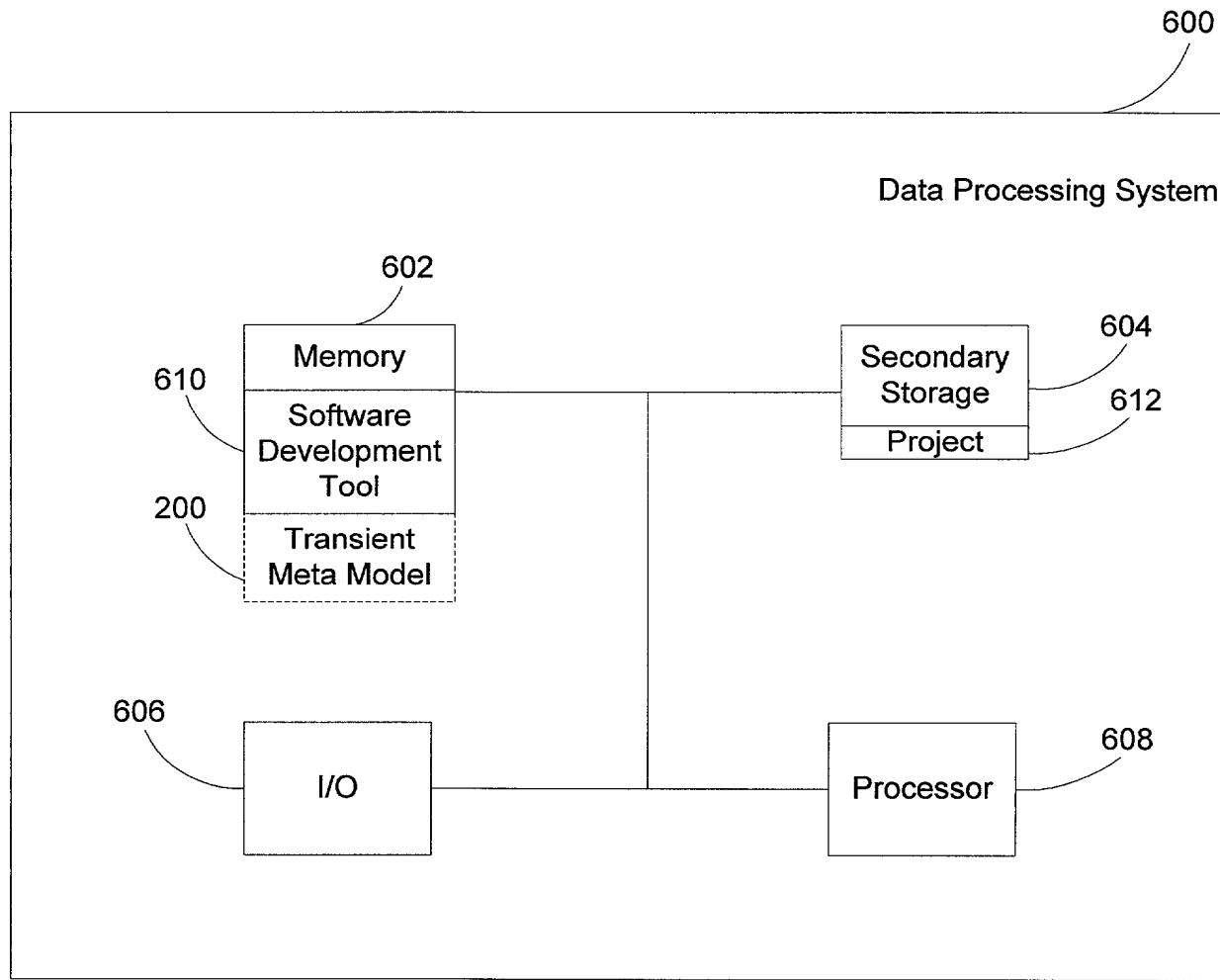


FIG. 6

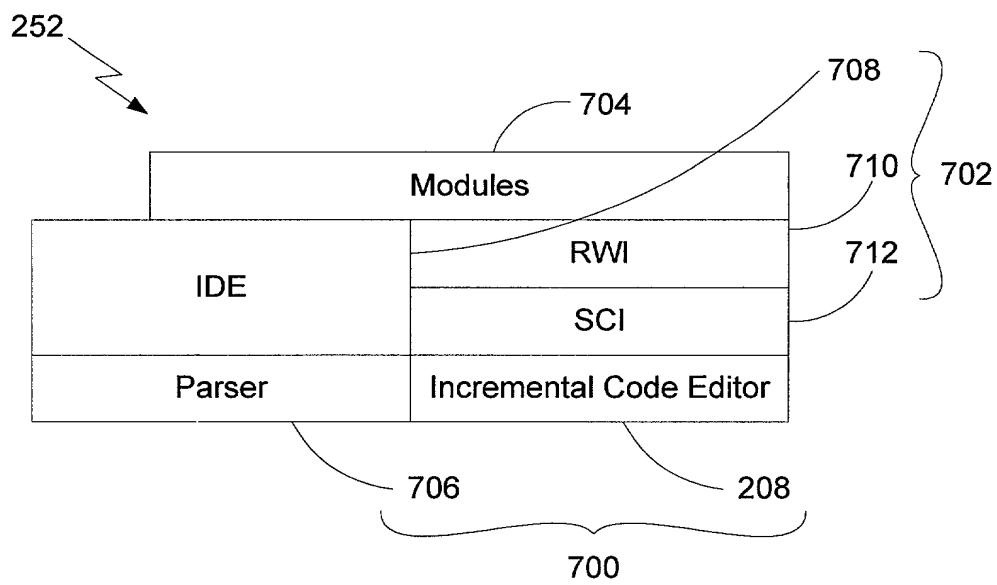


FIG. 7

QA Audit

Title	Abbreviation	Chosen	Severity	High
<input checked="" type="checkbox"/> Coding Style				
<input checked="" type="checkbox"/> Access Of Static Members Through Objects	AOSMTO	<input checked="" type="checkbox"/>	800	
Assignment To Formal Parameters	ATFP	<input checked="" type="checkbox"/>	802	
Complex Assignment	CA	<input checked="" type="checkbox"/>		
Don't Use the Negation Operator Frequently	DUNOF	<input checked="" type="checkbox"/>		
Operator '?' May Not Be Used	OMNBU	<input checked="" type="checkbox"/>		
Provide Incremental In For-Statement or use w...	PIIFS	<input checked="" type="checkbox"/>		
Replacement For Demand Imports	RFDI	<input checked="" type="checkbox"/>		
Use Abbreviated Assignment Operator	UAAO	<input checked="" type="checkbox"/>		
Use 'this' Explicitly To Access Class Members	UTETACM	<input checked="" type="checkbox"/>		
<input checked="" type="checkbox"/> Critical Errors				
Avoid Hiding Inherited Attributes	AHIA	<input checked="" type="checkbox"/>		
Avoid Hiding Inherited Static Methods	AHISM	<input checked="" type="checkbox"/>		
Command Query Separation	CQS	<input checked="" type="checkbox"/>		
Hiding Of Names	HON	<input checked="" type="checkbox"/>		
Inaccessible Constructor Or Method Matches	ICCOMM	<input checked="" type="checkbox"/>		
Multiple Visible Declarations With Same Name	MVDWSN	<input checked="" type="checkbox"/>		
Overriding a Non-Abstract Method With an Ab...	ONAMWAM	<input checked="" type="checkbox"/>		
Overriding a Private Method	OPM	<input checked="" type="checkbox"/>		
<input type="button" value="Select all"/> <input type="button" value="Unselect all"/> <input type="button" value="Set defaults"/> <input type="button" value="Save set As..."/> <input type="button" value="Load set..."/>				

AOSMTO - Access Of Static Members Through Objects 804

Static members should be referenced through class names rather than through objects.

FIG. 8A

806

Title	Abbreviation	Chosen
Complex Assignment	CA	<input checked="" type="checkbox"/>
Don't Use the Negation Operator Frequently	DUNOF	<input checked="" type="checkbox"/>
Operator '?' May Not Be Used	OMNBU	<input checked="" type="checkbox"/>
Provide Incremental In For-Statement or use w...	PIIFS	<input checked="" type="checkbox"/>
Replacement For Demand Imports	RFDI	<input checked="" type="checkbox"/>
Use Abbreviated Assignment Operator	UAAO	<input checked="" type="checkbox"/>

Severity: Normal ▾

Buttons: Select all, Unselect all, Set defaults, Save set As..., Load set...

CA - Complex Assignment 808

Checks for the occurrence of multiple assignments and assignments to variables within the same expression. Too complex assignments should be avoided since they decrease program readability.

Wrong

```
// compound assignment
i *= j++;
k = j = 10;
l = j += 15;
// nested assignment
i = j++ + 20;
i = (j = 25) + 30;
```

810

Tip: Break statement into several ones.

Buttons: Start, Cancel, Help

FIG. 8B

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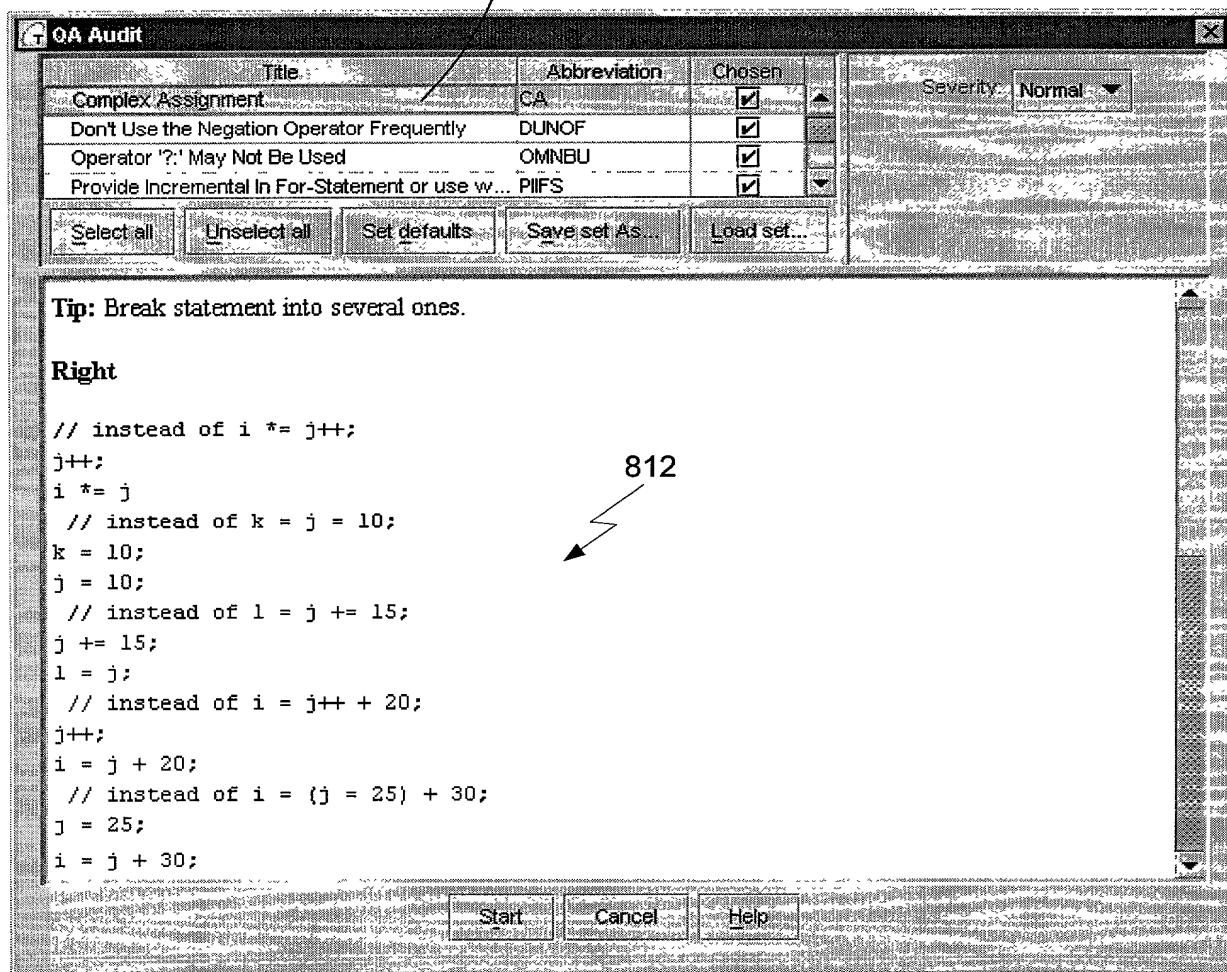


FIG. 8C

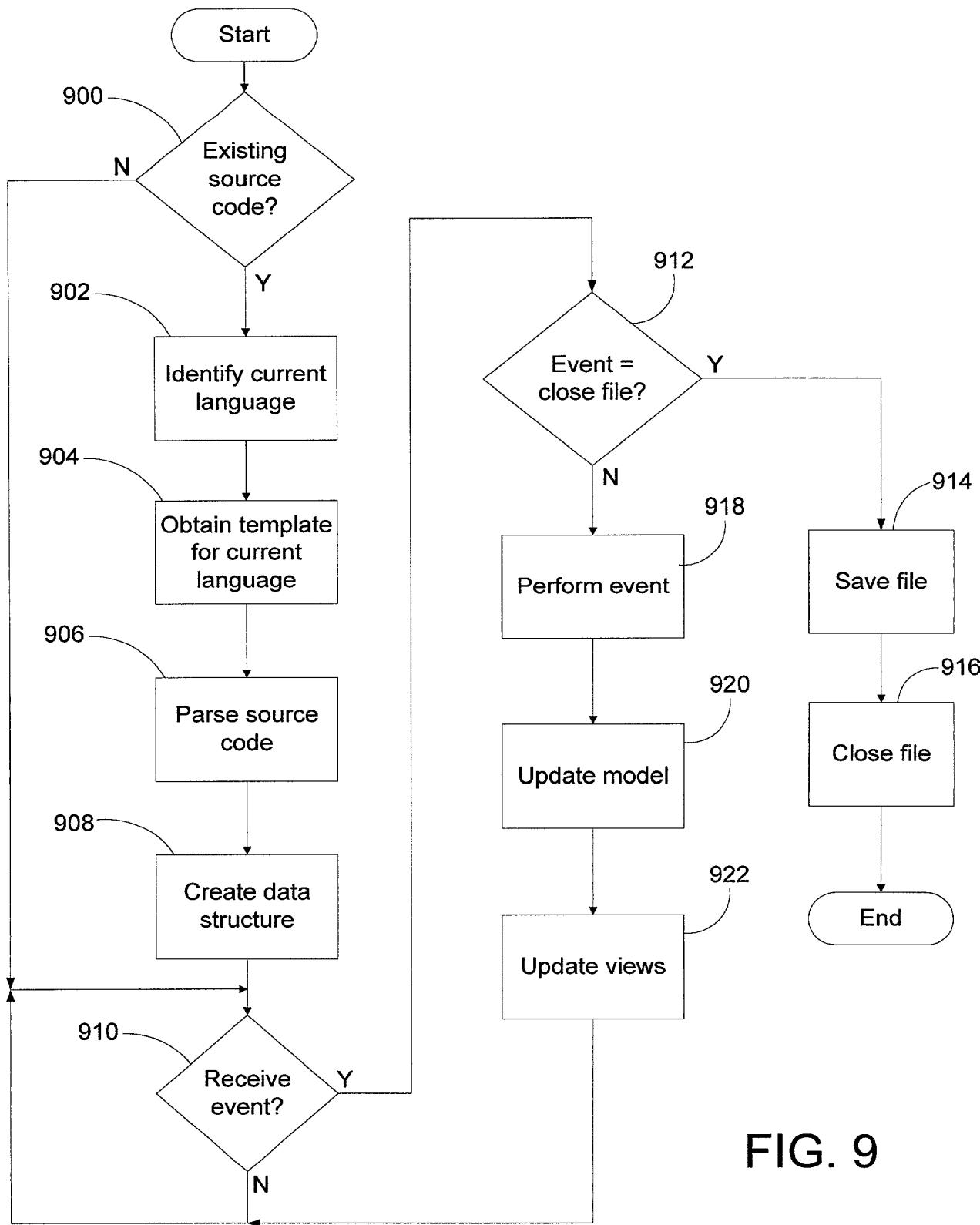


FIG. 9

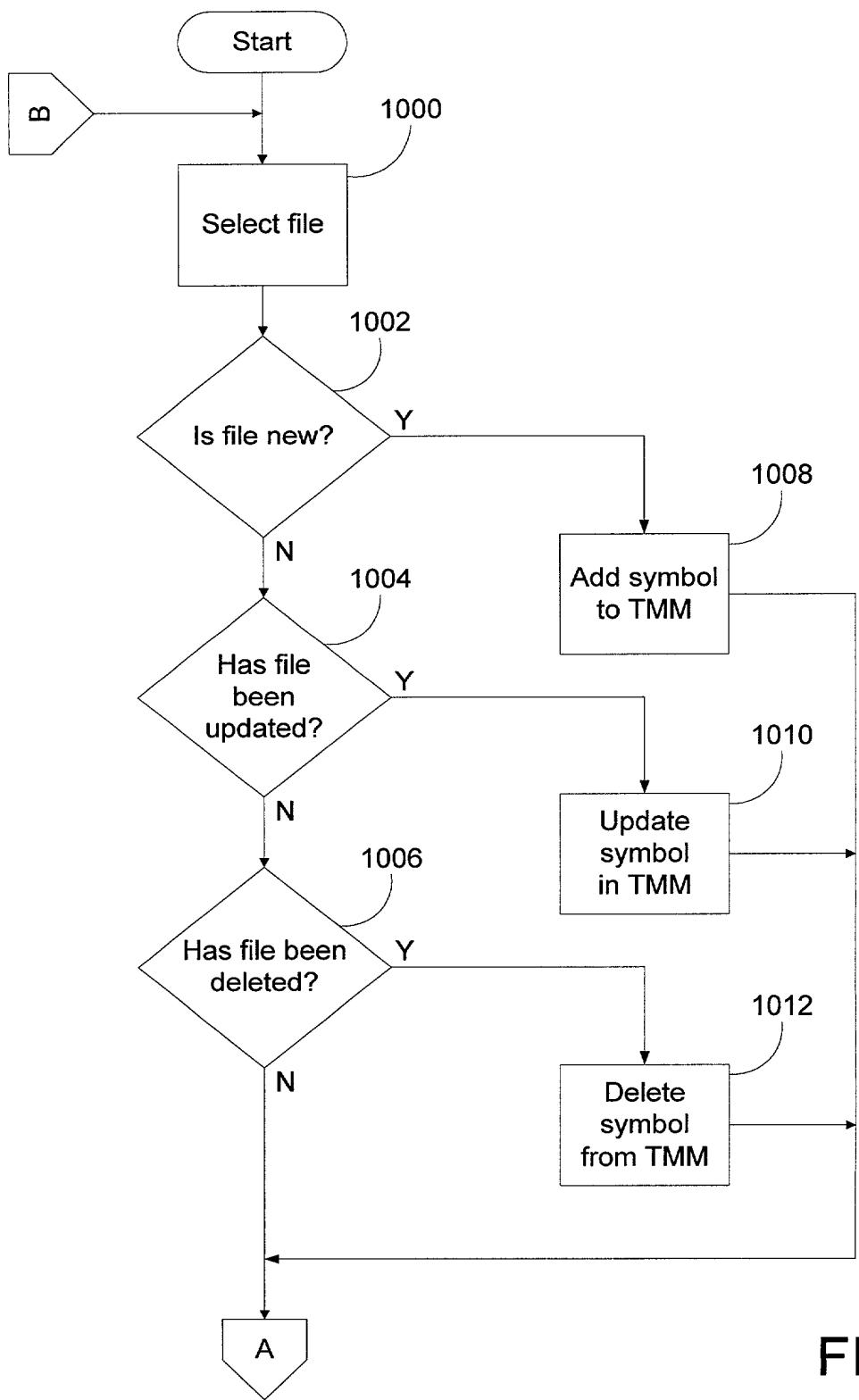


FIG. 10A

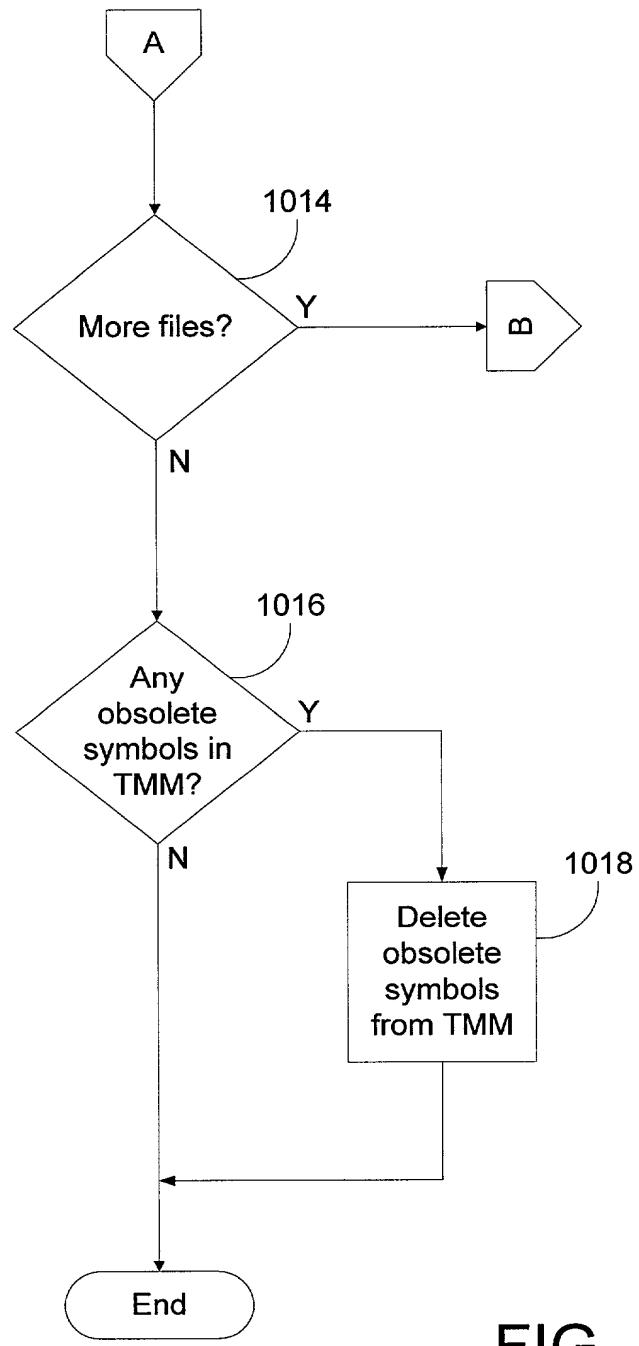


FIG. 10B

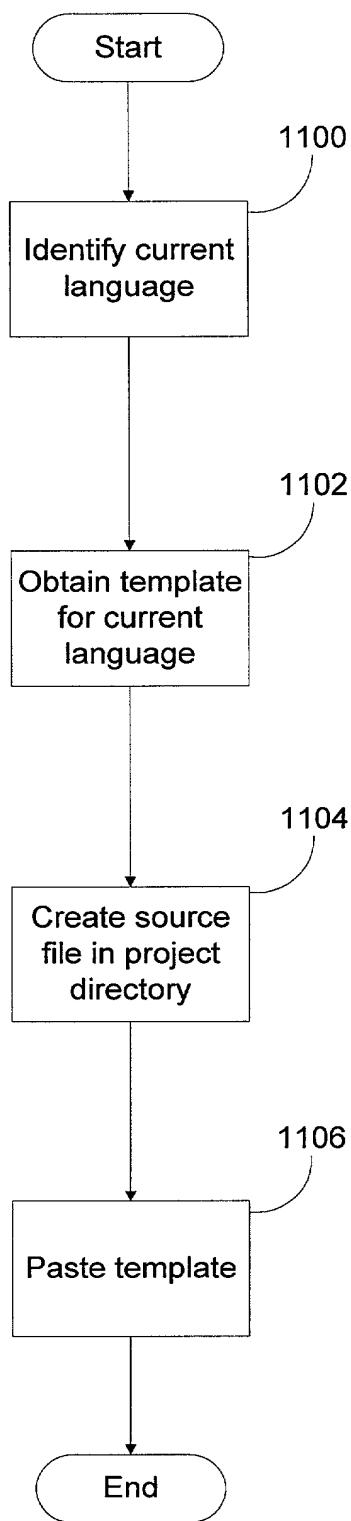


FIG. 11

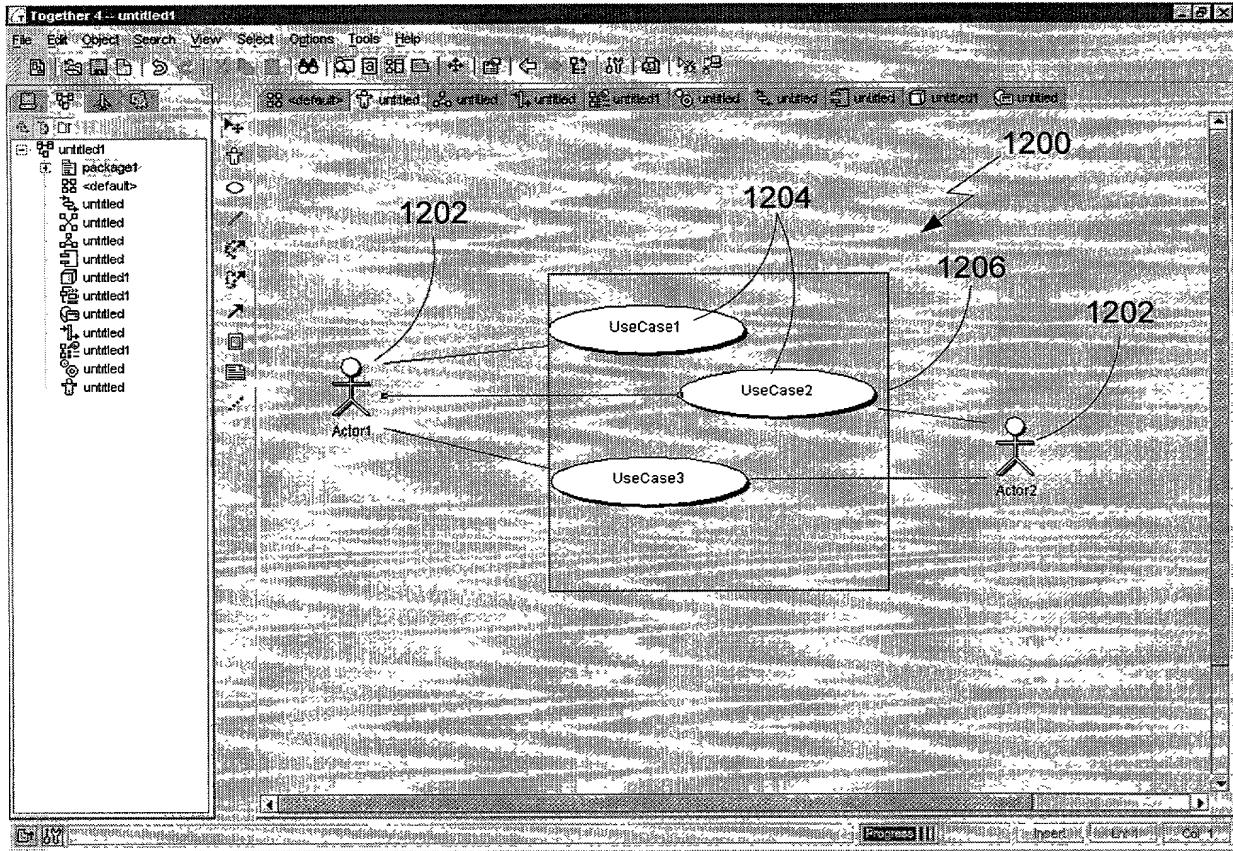


FIG. 12

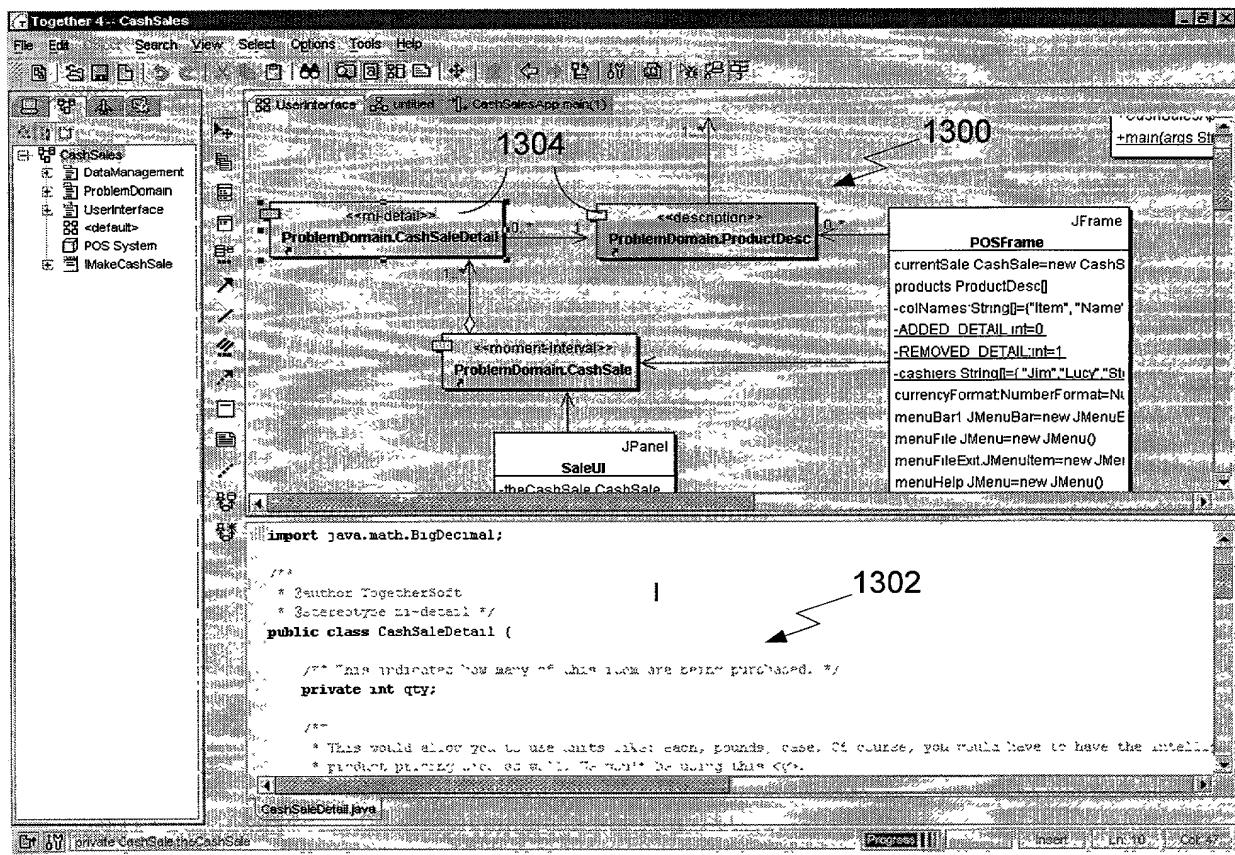


FIG. 13

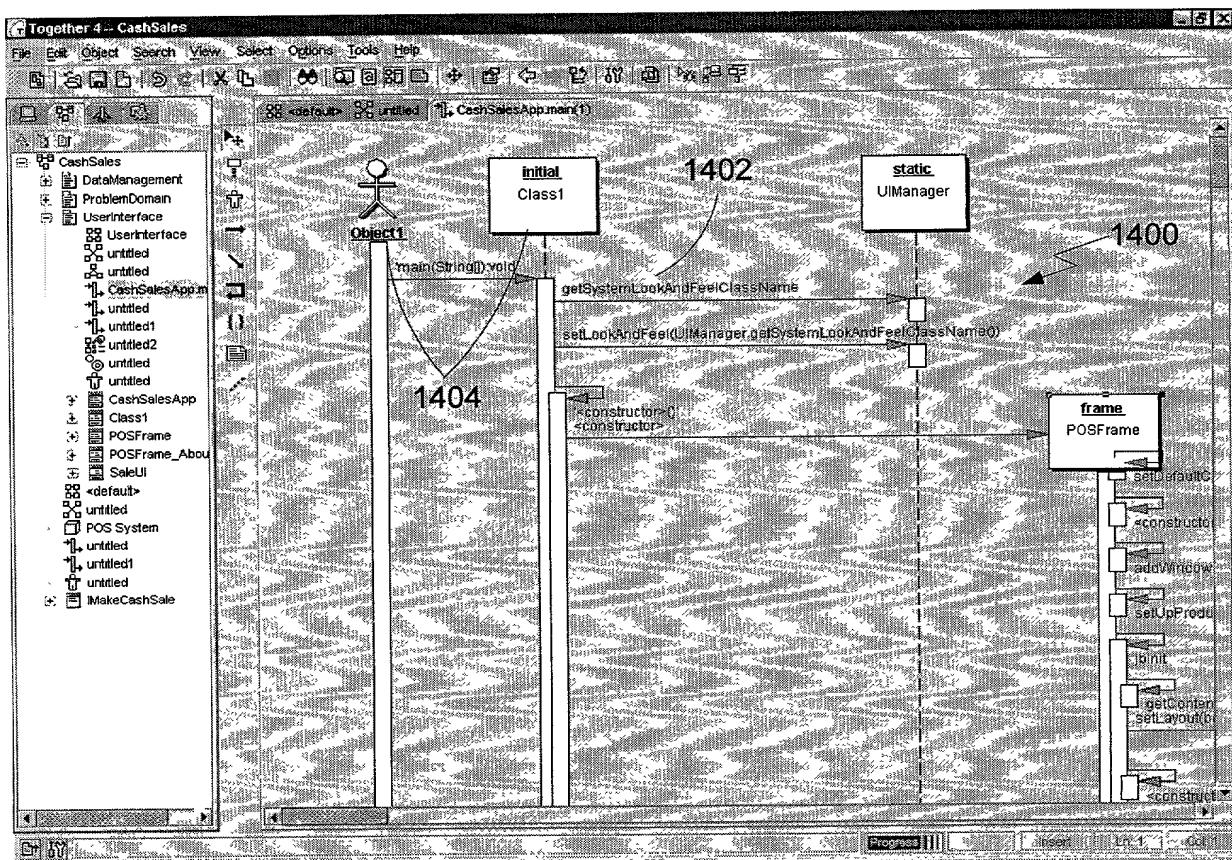


FIG. 14

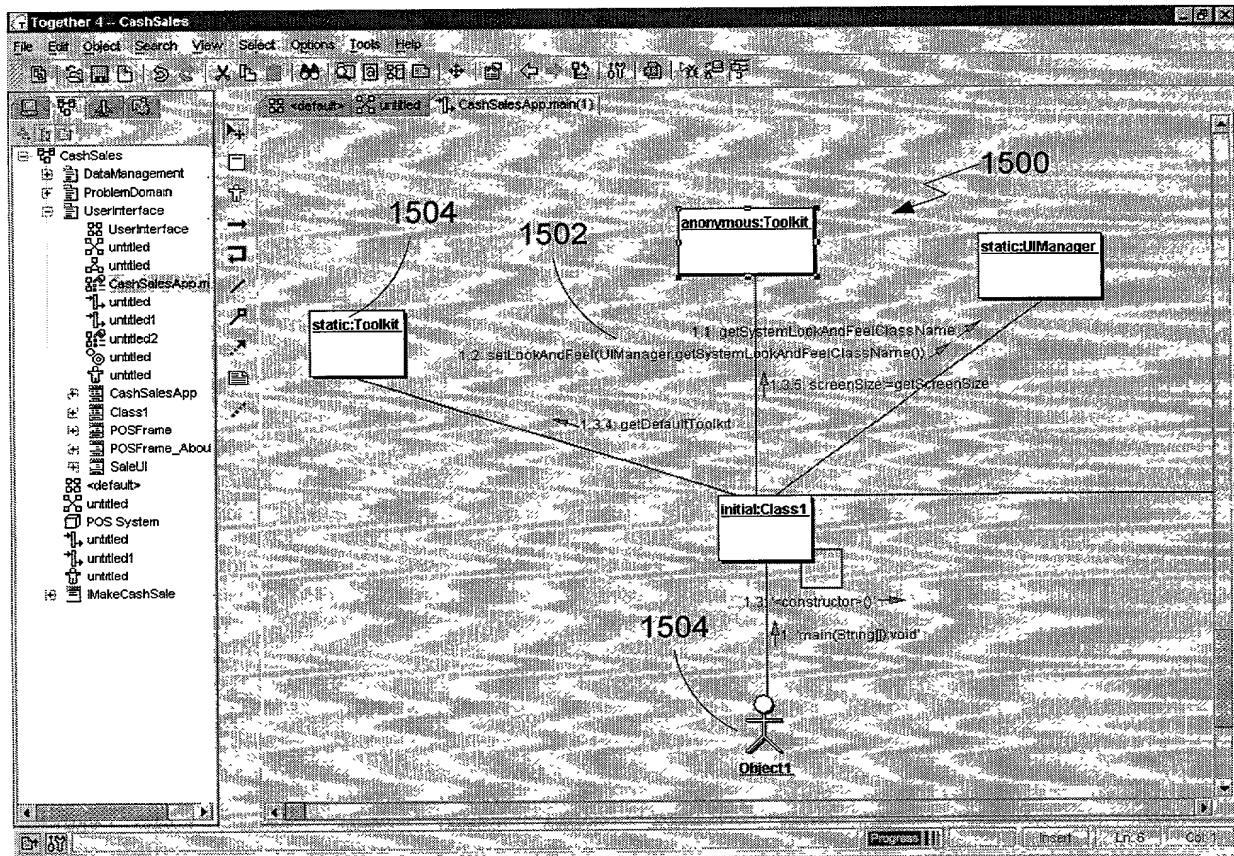


FIG. 15

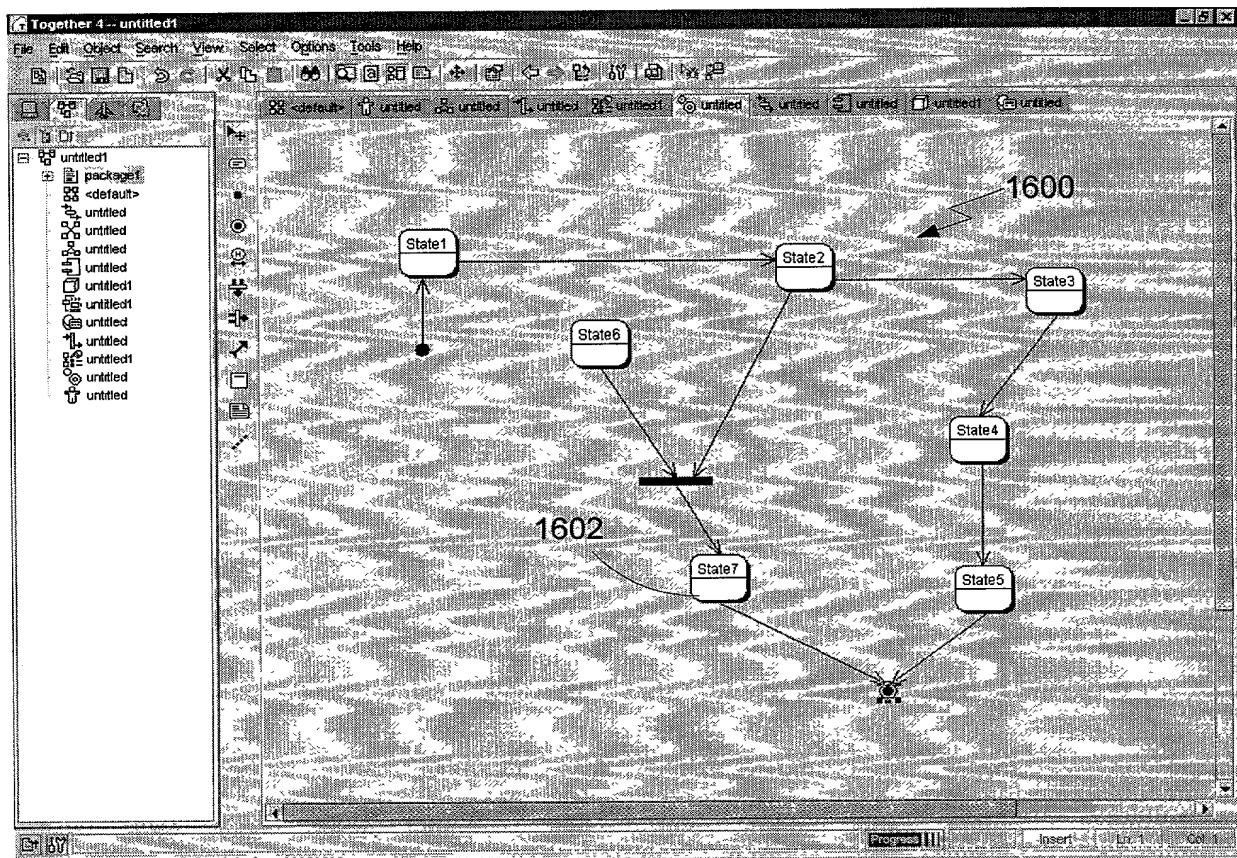


FIG. 16

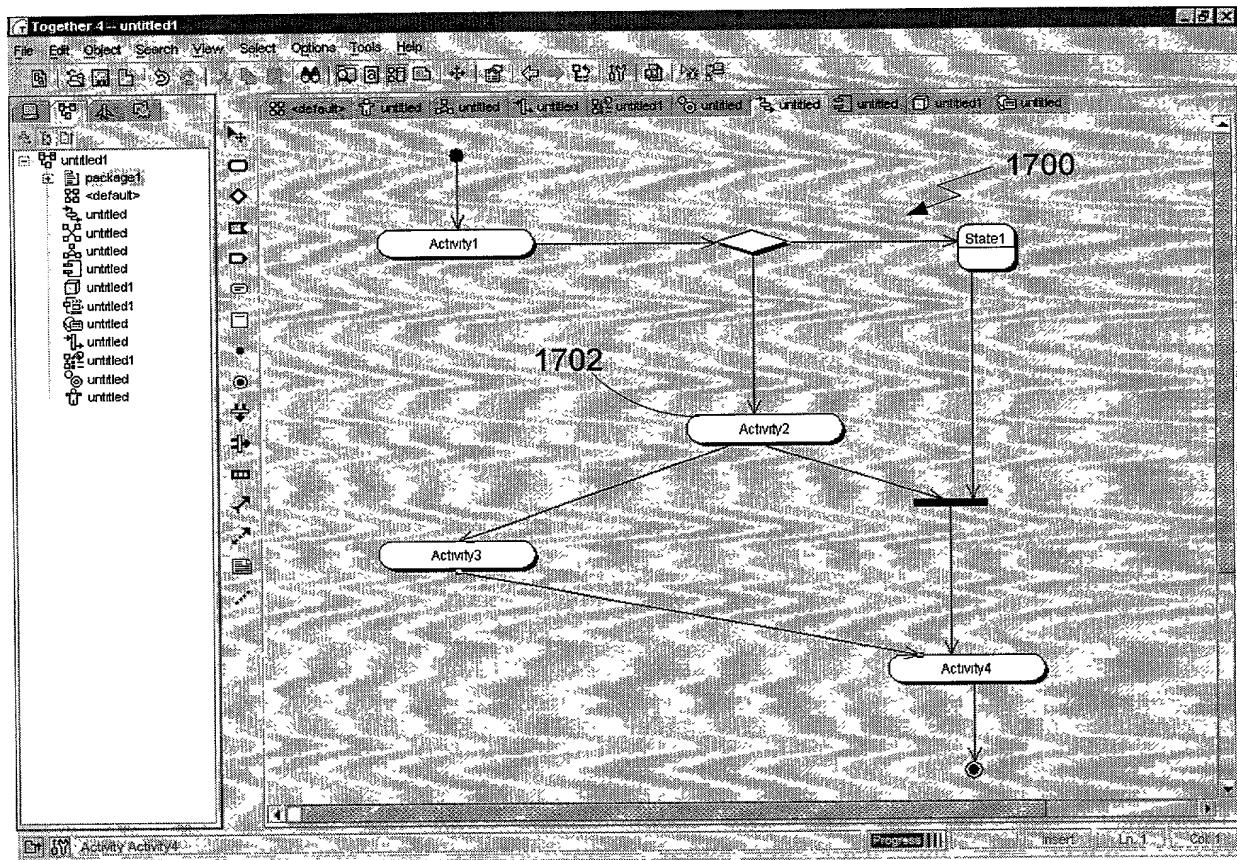


FIG. 17

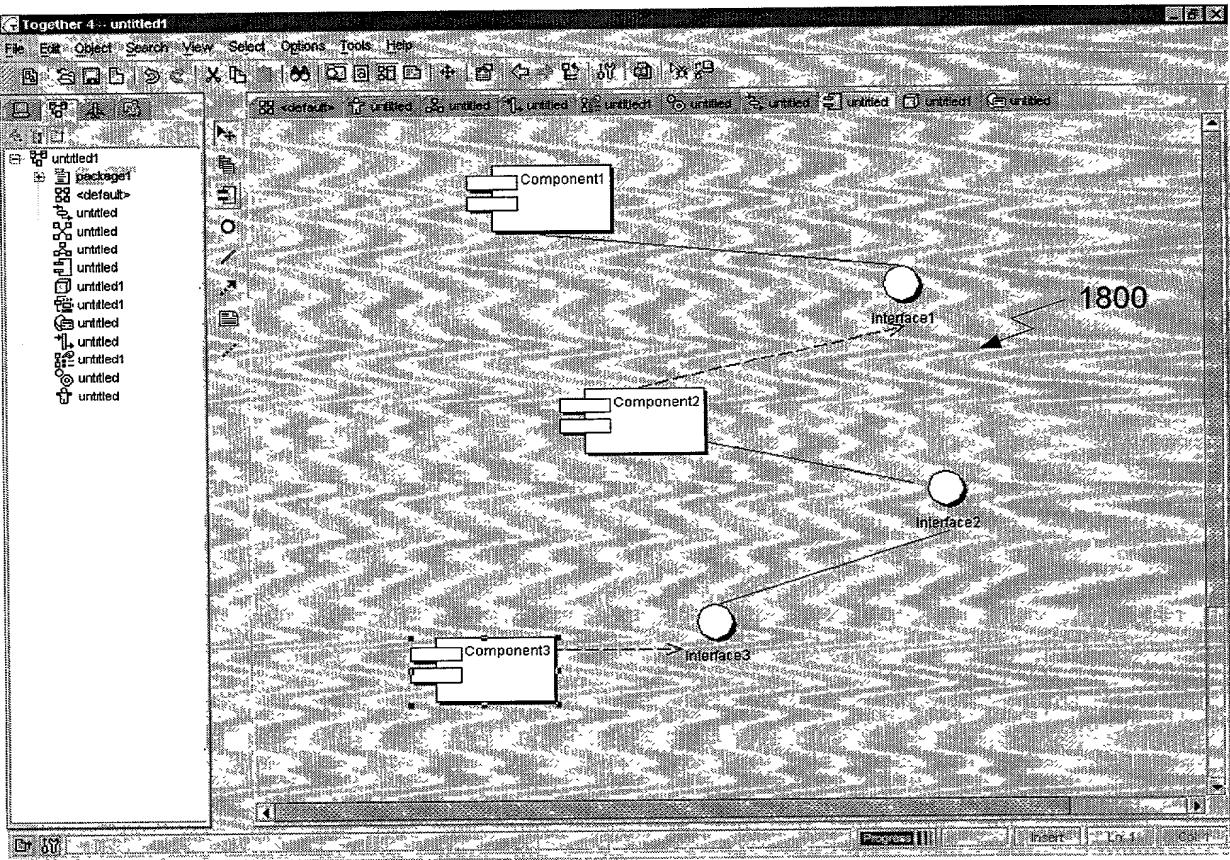


FIG. 18

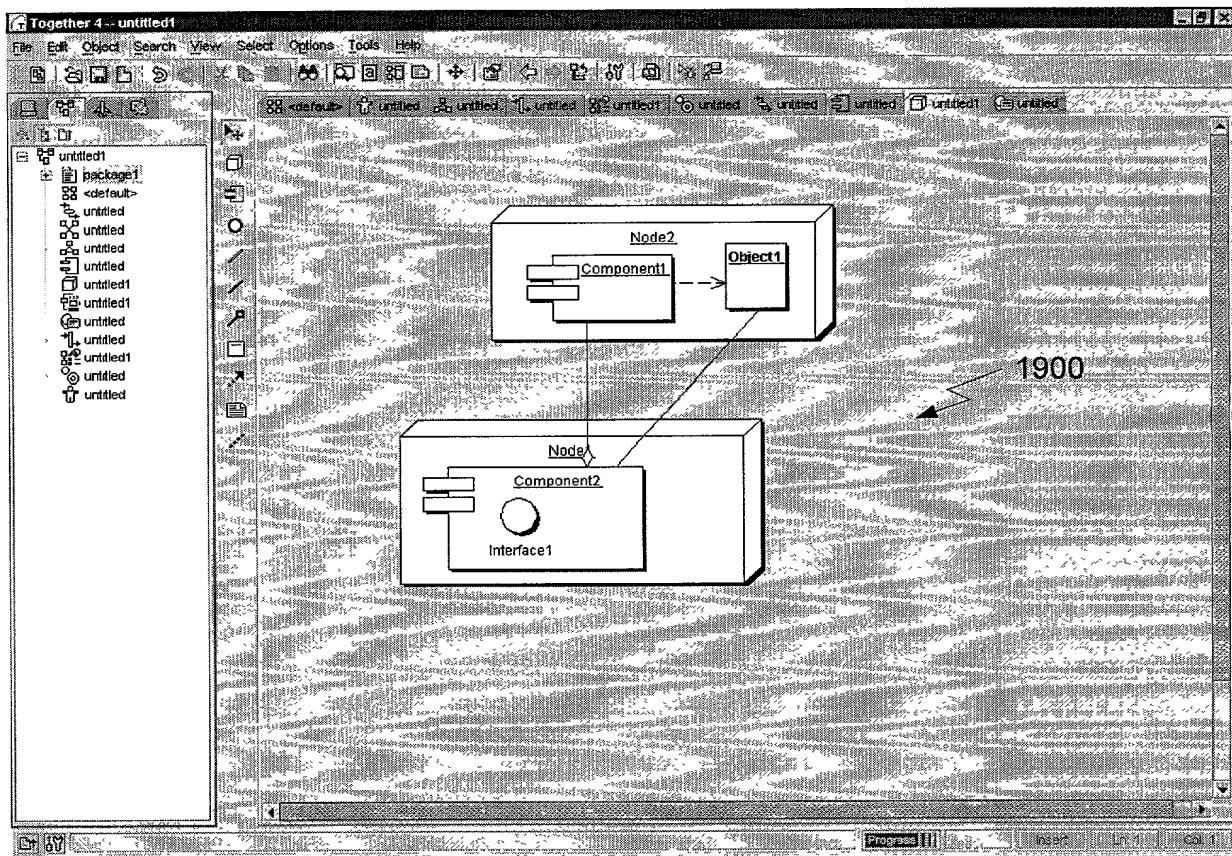


FIG. 19

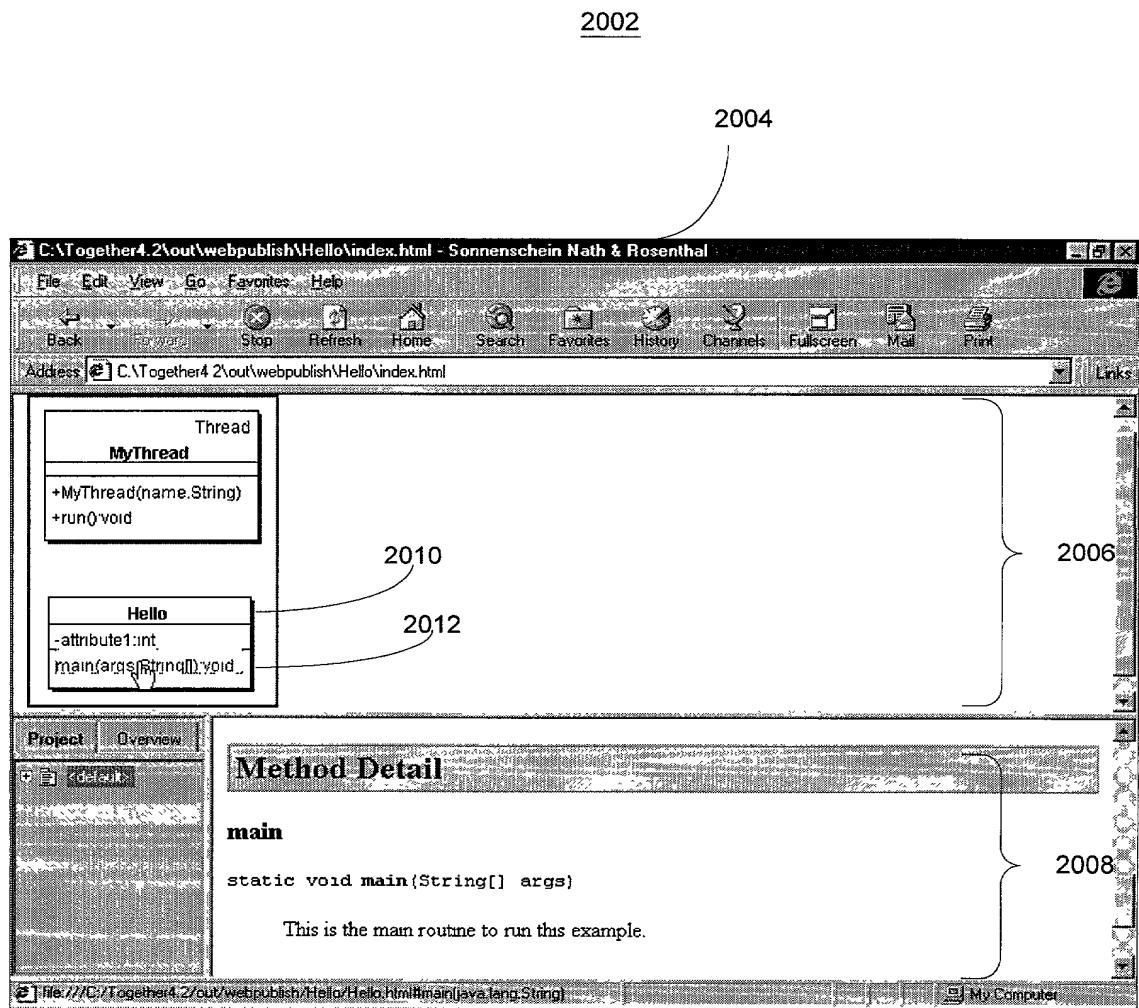


FIG. 20

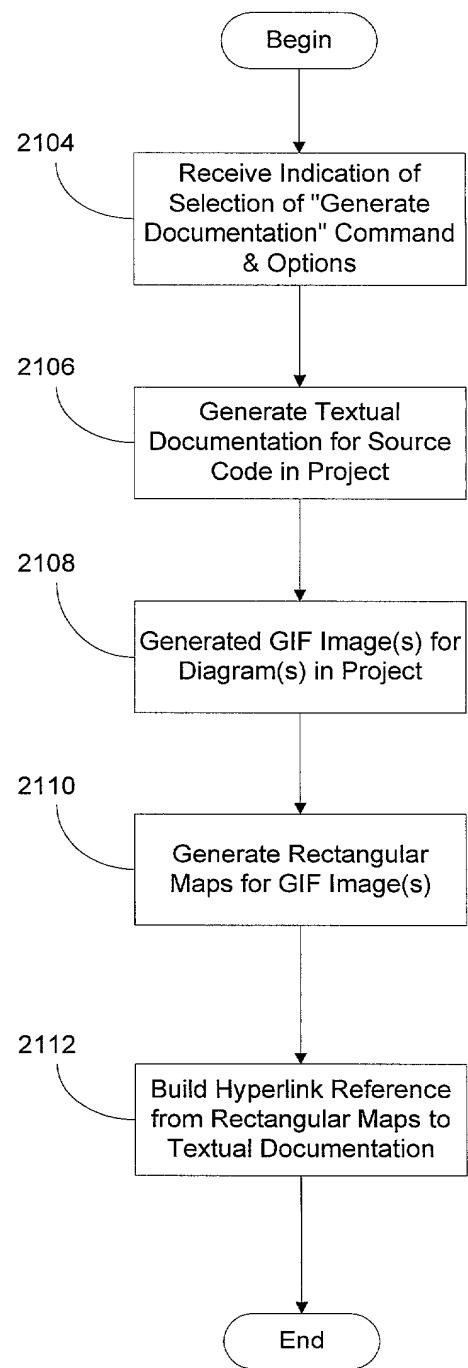


FIG. 21

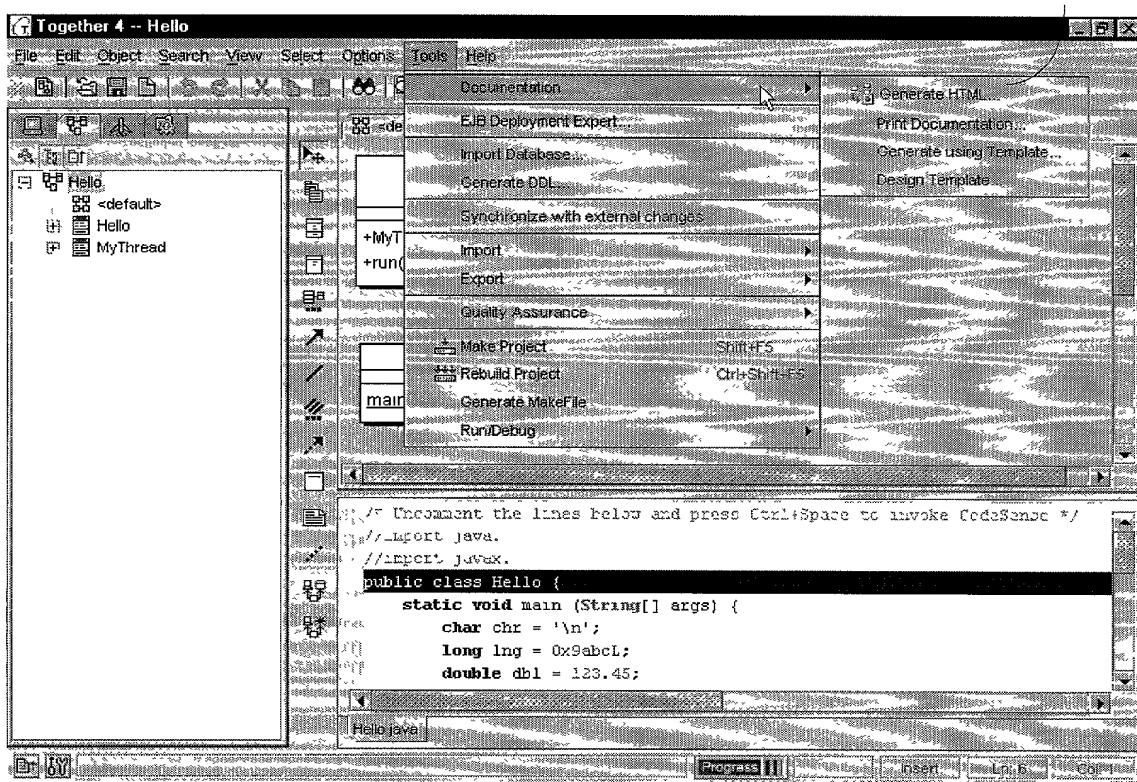


FIG. 22

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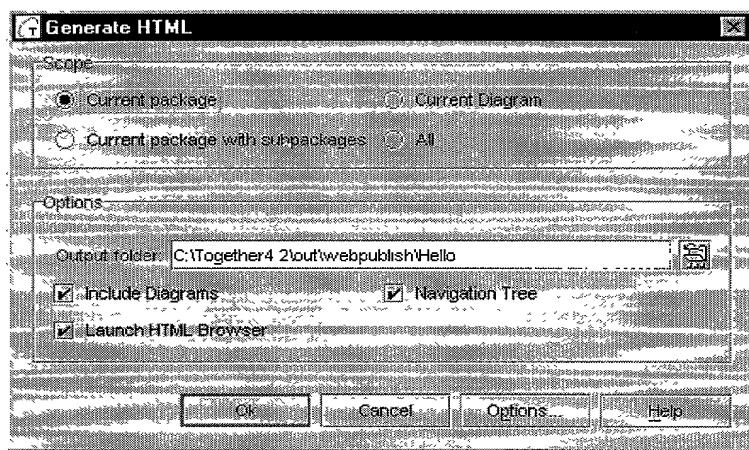


FIG. 23

```
2404 //  
// This is a sample class to allow exploration of various features of Together's run-time environment.  
// Author: Together Developer  
// Version 1.0  
// See MyThread  
//  
public class Hello {  
    //  
    // This is the main routine to run this example.  
    //  
    static void main (String[] args) {  
        char chr = '\n';  
        long lng = 0x9abcL;  
        double dbl = 123.45;  
        int zero = 0;  
        String str = "Hello, Hello...";  
        new MyThread("MyThread1").start();  
        new MyThread("MyThread2").start();  
        System.out.println(str);  
    }  
  
    private int attribute1;  
}
```

FIG. 24

Class Hello

```
public class Hello
```

This is a sample class to allow exploration of various features of Together's run-time environment.

Author:

Together Developer

Version: 1.0

See Also: [MyThread](#)

Method Summary

(package private) static void	main(String[] args)
----------------------------------	-------------------------------------

This is the main routine to run this example

Method Detail

main

```
static void main(String[] args)
```

This is the main routine to run this example.

FIG. 25